



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#2/7-269  
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JUN 1 2001

Technology Center 2100

In re application of: Timothy B. Cowles

Serial No.: 09/810,366

Filed: March 15, 2001

For: CIRCUIT AND METHOD FOR TEST AND  
REPAIR

§  
§ Group Art Unit: 2133  
§  
§ Examiner:  
§  
§ Atty. Docket: 2000-0058  
§  
§  
§

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, D.C. 20231

**Certificate of Mailing**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents Washington, DC 20231 on

Date 5-31-01

Richard L. Haines  
Signature

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant respectfully requests that this Information Disclosure Statement be entered and that the references listed on the attached Form PTO-1449 be considered by the Examiner and made of record.. Copies of the listed references are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(b), this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possible material information as defined in 37 C.F.R. § 1.56(a) exists.

The following references are submitted for the Examiner's review:



U.S. Patent No.

Issue Date

Inventor

6,154,851	11/28/00	Sher et al.
6,154,398	11/28/00	Cutter et al.
6,145,092	11/07/00	Beffa et al.
6,144,593	11/07/00	Cowles et al.
6,130,834	10/10/00	Mullarkey et al.
6,119,251	09/12/00	Cloud et al.
6,104,645	08/15/00	Ong et al.
6,088,282	07/11/00	Loughmiller et al.
5,959,929	09/28/99	Cowles et al.
5,917,764	06/29/99	Ohsawa et al.
5,910,921	06/08/99	Beffa et al.
5,883,843	03/16/99	Hii et al.
5,724,282	03/03/98	Loughmiller et al.
5,655,105	08/05/97	McLaury

Other References

Micron Technology, Inc.; "Synchronous DRAM" Data Sheets; 128Mb: x4, x8, x16 SDRAM, 128MSDRAM\_ Rev B\_, p65; Pub. 10/00, pp. 1-58.

Micron Technology, Inc.; "Synchronous DRAM" Data Sheets; 128Mb: x32 SDRAM, 128Mb: x32 DRAM, 128MbSDRAMx32, p65 – Rev. 9/00, pp. 1-52.

As this information is being submitted within three months of the date of filing of the application, Applicant understands that no fee or certification is required for the submission and consideration of this information at this time.

If there are any matters which may be resolved or clarified through telephone interview, the Examiner is respectfully requested to contact Applicant's undersigned attorney at the number indicated.



\* \* \* \*

A Form PTO-1449 is enclosed herewith.

Respectfully submitted,

Date: Charles Brantley 5/24/1

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PATENT & TRADEMARK OFFICE

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 0

Complete if Known

Application Number 09/810,366

Filing Date March 15, 2001

First Named Inventor Timothy B. Cowles

Examiner Name

Group / Art Unit 2133

Attorney Docket No. 00-0058

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Technology Center 2100

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

13-3092, Order No. 00-0058

Deposit  
Account  
Name

Micron Technology, Inc.

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1)

(\$ ) 0

### 2. EXTRA CLAIM FEES

	Total Claims	Extra Claims	Fee from below	Fee Paid
Total Claims	53	-53	0	0
Independent Claims	8	-8	0	0
Multiple Dependent				0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ ) 0

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Charles Brantley	Registration No. Attorney/Agent)	38,086	Telephone	(208) 368-4557
Signature	Charles Brantley	Date	5/24/1		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.